



## Motorola 52<sup>nd</sup> Street Superfund Site Community Advisory Group (CAG) Meeting



**Thursday, August 23, 2007**

**6:00 p.m. to 8:00 p.m.**

ADEQ - Room 250

1110 West Washington

Phoenix, Arizona

### **DRAFT MINUTES**

#### **Members in Attendance:**

Jeanne Lindsay

Mary Moore

#### **ADEQ Staff in Attendance:**

Chris Gamache, OU1 & OU2 Project Manager

Nicole Coronado, OU3 Project Manager

Bob Peeples, OU3 Project Manager

David Haag, Hydrologist

Harry Hendler, Federal Projects Unit Manager

Julie Rieimenschneider, Remedial Projects Unit Manager

Samantha Roberts, Remedial Projects Section Manager

Mark Lucas, UST Case Manager

Phil McNeely, Tank Program Division Director

Linda Mariner, ADEQ Community Involvement Coordinator

#### **Others in Attendance:**

Bob Forsberg, LFR

Sue Kraemer, Shaw Environmental

Lisa Stahl, Shaw Environmental

Barbara Murphy, Clear Creek Assoc.

Tom Suriano, Clear Creek Assoc.

Jenn McCall, Freescale

Dan Casiraro, SRP

Judy Heywood, APS

Mario Castaneda, TAG Technical Advisor

Rene Chase Dufault

Peter Kroopnich, ARCADIS

Robert Mongrain, ARCADIS

Troy Kennedy, Honeywell

Jeff Mieth, CH2M

Phil Burke, CH2M

Jeremy Haynes, The Forrester Group

Bob Kard, Maricopa County Air Quality

Doug Erwin, Maricopa County Air Quality

Susanne Kennedy, Maricopa County Air Quality

Jerry Worsham, Gammage & Burnham

John Heintz, Squire Sanders

Mitch Klein

Steve Smith, Smith Consulting

Greg Heiland, Valutek

Donn Stoltzfus, City of Phoenix

Calvin Goode

Georgie Goode

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#### **OU# 08-041**

#### **1. Call to Order and Introductions – Linda Mariner, ADEQ Community Involvement Coordinator**

Ms. Mariner made note that because there was no quorum of CAG members in attendance, no CAG meeting business could be conducted. However, the presentations proceeded as an informational forum only.

#### **2. OU1 & OU2 Sites Status Report – Harry Hendler, ADEQ Federal Projects Unit Manager**

**See presentation below**

After a question regarding the citizen interviews for the community involvement plan update, it was noted that some citizens in the community involvement area did not receive the recent fact sheet and

meeting announcement by mail. Ms. Mariner will check to find out the reason.

**3. OU3 Site Status Report – Janet Rosati, EPA Remedial Project Manager for OU3**

**See presentation below**

**4. Announcement of Re-Zoning Application for 52nd Street Property – Jenn McCall, Freescale Semiconductor**

Ms. McCall announced that the parking lot property at ON Semiconductor at Roosevelt Street and 50<sup>th</sup> Street was purchased by Valutek. This required an application for re-zoning it to commercial property be turned in to the City for approval. This case is going to be reviewed by the City on August 29, 2007 at the City Council Meeting beginning at 1:00 pm. Ms. McCall provided a map and building plans for the proposed project by Valutek.

**5. What is a TAG? – Viola Cooper, EPA Community Involvement Coordinator**

**See presentation below**

**6. Honeywell Biologically Enhanced Soil Vapor Extraction (BSVE) System Permit Hearing Report – Mary Moore, Lindon Park Neighborhood Association (LPNA) TAG Representative**

Ms. Moore reported on the results of the Maricopa County public hearing held on May 31, 2007. From the perspective of the neighborhood association, Ms. Moore felt that the hearing was a disappointment because she was not given enough time to make all the comments she had prepared as a representative for the LPNA and CAG. All together a total of 280 pages of comments were submitted by the LPNA. The major concerns included: the air permit is not enforceable, the way the permit was drafted by the county does not reflect community input, the worst case scenario is not addressed, and a bad precedent will be set to require air permits for future Superfund cleanup technologies. Ms. Moore stated that the permit was pulled for a month and resubmitted yesterday for the EPA 45-day review period. She understood that no written response would be given until after the permit was issued. She also reiterated her concern about the apparent lack of oversight on the jet fuel cleanup by the Superfund Program.

**7. Honeywell BSVE Permit Update – Phil McNeely, ADEQ Tank Program Division Director**

Mr. McNeely began by showing a map of the jet fuel plume on the Honeywell property and explained the cleanup plans for the site. After summarizing the history of the spill found in 1999, Mr. McNeely explained that ADEQ's underground storage tank (UST) program required Honeywell to investigate and prepare a Corrective Action Plan (CAP) to outline how the cleanup will be done. The approved CAP contains three different technologies involved in the total cleanup. Mr. McNeely explained that the BSVE technology pumps fresh air into the ground and then pulls those vapors out from the ground for treatment, and this technology requires some type of vapor treatment. Mr. McNeely stated that a public meeting for the CAP was held on June 29, 2005, and Ms. Moore also expressed her concerns regarding the soil vapor treatment at that meeting. Some of her concerns were addressed in ADEQ's final approval letter dated October 7, 2005 for the CAP, which stated that an air quality permit would be required by Honeywell to monitor the treated air. It also stated that the jet fuel cleanup could not interfere with the CERCLA (federal Superfund) investigation, and the final groundwater cleanup decision would be put on hold because of the CERCLA chemical contaminants commingled in the jet

fuel.

Mr. McNeely clarified that Maricopa County (County) has jurisdiction over the regulation of air quality. Therefore, Honeywell's revised permit application for the proposed BSVE system was submitted to the County for approval. On May 31, 2007, the County conducted a public hearing during the comment period to address any concerns. The ADEQ Tank Program Division reviewed the permit and submitted comments that included the following requests: 1) to monitor the CERCLA contaminants of concern, 2) for more frequent performance testing, 3) carbon change out criteria, and 4) trigger levels to remove potassium permanganate. The County is currently working on their responsiveness summary to all the comments.

Mr. McNeely stated that ADEQ was copied on a letter that the office of Congressman Ed Pastor wrote to EPA asking for an evaluation on who should have oversight of the Honeywell facility. During that period of time the County withdrew the permit until a determination was made. ADEQ responded on August 20<sup>th</sup> and EPA responded on the 22<sup>nd</sup> – both recommending that ADEQ keep the oversight. Mr. McNeely announced that the permit has been resubmitted for review on August 23, 2007. EPA has 45 days to review the permit (until October 9, 2007). If the permit is approved, Honeywell will begin installing the BVSE system which is expected to be completed in a year, but some of the wells could be up and running sometime next spring.

Mr. McNeely confirmed that the remediation at the site will continue to operate under dual UST and CERCLA authority. Both the UST and Superfund programs at ADEQ along with EPA are coordinating their efforts in providing appropriate remediation of all the contaminants towards a successful eventual groundwater remedy. Ms. Moore pointed out the hard work that the CAG and LPNA TAG representatives have done over the years to encourage that successful coordination of these programs.

## **8. Future Meeting Plans**

Ms. Mariner announced that the next probable meeting would be in October to take care of the missed CAG business items and to address some upcoming enforcement activities for the site and follow-up on the BSVE Permit application.

## **9. Adjournment**

# Motorola 52<sup>nd</sup> Street Superfund Site Community Advisory Group Meeting

August 23, 2007

# Agenda

- 1. Call to Order/Introductions (ADEQ)**
- 2. OU1 & OU2 Sites Status Report (ADEQ)**
- 3. OU3 Site Status Report (USEPA)**
- 4. Announcement of Re-Zoning Application for 52nd Street Property (Freescale)**
- 5. What is a TAG? (USEPA)**
- 6. Honeywell BSVE Permit Hearing Update (TAG)**
- 7. BSVE Permit Update (ADEQ)**
- 8. Call to Public**
- 9. Discussion of a CAG Charter and Voting (ADEQ)**
- 10. Possible Voting on CAG Co-Chairs (ADEQ)**
- 11. Community Involvement Plan Update (ADEQ/LFR)**
- 12. Future Meeting Plans / Agenda Discussion (ADEQ)**
- 13. Adjournment**

# Call to Order & Introductions

## **ADEQ Staff**

- Chris Gamache, Project Manager (Sitewide, OU1, & OU2)
- Nicole Coronado, Project Manager (OU3)
- Robert Peeples, Project Manager (OU3)
- David Haag, Project Hydrologist
- Linda Mariner, Community Involvement Coordinator
- Harry Hendler, Federal Projects Unit Manager

## **USEPA Staff**

- Leah Butler, Remedial Project Manager (Sitewide, OU1 & OU2)
- Janet Rosati, Remedial Project Manager (OU3)
- John Lucey, Remedial Project Manager (OU3)
- Viola Cooper, Community Involvement Coordinator

**ADEQ Consultant**

**USEPA Consultant**

**CAG Members**

**Community Members & Interested Parties**

# OU1 Sites Status Report

## 1. Reports Reviewed

- a) Semi-Annual Progress Reports
  - 1) January through June 2006
  - 2) July through December 2006
- b) Remedial Action Objectives  
Status: Currently being reviewed by ADEQ
- c) OU1 & 2 Five Year Reviews  
Status: Currently being reviewed by ADEQ
- d) DM 607 Monitor Well Installation Report  
Status: Commented on the report
- e) OU1 Effectiveness Report

## 2. Workplans Reviewed

- a) Old Cross Cut Canal Revised New Well Installation Work Plan  
Status: Waiting on ROW permit from Flood Control District of Maricopa County

# OU1 Sites Status Report

## **3. Sampling and Reporting**

Morgan Well

Status: Sampled on July 13

Currently evaluating results

## **4. Conducted Interviews for Community Involvement Plan (OU1&2)**

Status: Conducted interviews on July 25

Interviewed 2 respondents

## **5. Future Plans**

September 2007 Groundwater Sampling Event

# OU2 Sites Status Report

## 1. Consent Decree Reviewed

Status: Currently being reviewed by ADEQ

## 2. Reports Reviewed

a) December 2006 through February 2007 Groundwater Monitoring Report

b) March 2006 Groundwater Monitoring Report

c) September 2006 Groundwater Monitoring Report

d) Monthly Progress Reports – March & April 2007

e) Monthly Progress Reports – May, June, & July 2007

Status: Currently being reviewed by ADEQ

g) Notification of Off-Site Carbon Reactivation

h) Joray/Kachina Research Report

Status: Currently being reviewed by ADEQ

i) Joray/Kachina Conceptual Site Model

Status: Commented in July

j) Work Plan to Install Groundwater Monitoring Wells/Piezometers

Status: Finalizing well / piezometer installation

## 3. Sampling and Reporting

a) Supplemental Westbay Wells

Status: Sampled and reported on May 10

# OU2 Sites Status Report

## 3. Honeywell Workplans Reviewed

- a) Work Plan for Waste Characterization of Subsurface Structures  
Status: Currently being reviewed by ADEQ
- b) Closure Work Plan for Building 140 Interim Remedial Measure  
Status: Commented in July
- c) Workplan for Installation of Additional Groundwater Monitoring Wells
- d) Trend Analysis Support for the Groundwater Monitoring Frequency Report  
Status: Postpone requests for MW reduction  
Approved reduce sampling frequency of some MWs

## 4. PRP Meetings

- a) Aviall  
Status: Met on June 6 and plan on a future meeting  
Aviall to provide additional information

# OU2 Sites Status Report

## 5. PRP Meetings (continued)

### b) ITT Cannon

Status: Met on July 31

Plan to negotiate an AOC and scope of work

## 6. Maps

Status: Currently being reviewed by EPA and ADEQ

## 7. Future Plans

a) Plan on Regional RI/FS

b) Continue discussions with PRPs

c) September 2007 Groundwater Sampling Event

# Thank you



# Operable Unit 3 Site Status Report

Janet Rosati  
EPA Remedial Project Manager  
August 23, 2007

A stylized silhouette of a mountain range in shades of teal, located in the bottom right corner of the slide.

# Arizona Public Service

## 501&505 Property Update

### Completeness Review Technical Memo

#### ◆ Soil Vapor

- PCE and TCE soil vapor detections in two areas of 501 property.
- Highest concentrations in southern portion where SVMW-4 installed, at 35 feet, up to 90 ug/L TCE, 66 ug/L TCE.
- Lateral characterization complete, but not vertical.
- Additional soil vapor monitoring well (SVMW-6) will be installed near “hot spot” for vertical characterization.
- Sample SVMW-4 and proposed SVMW-6 on semi-annual basis through 2008.
- Will submit TM on potential migration of soil vapor and soil concentrations to groundwater.

# Arizona Public Service

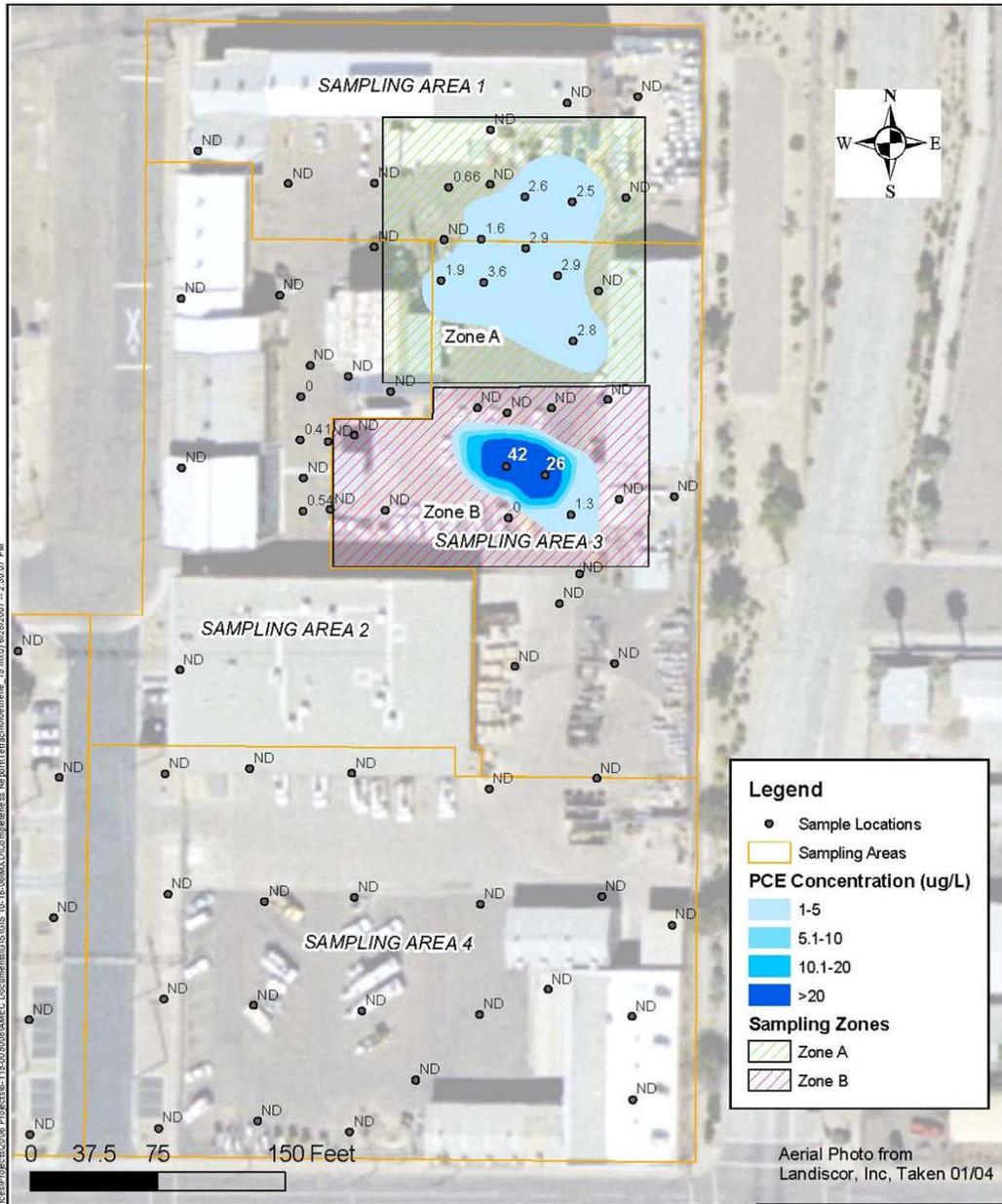
## 501&505 Property Update

### Completeness Review TM, con'td

#### ◆ Soil and Groundwater

- ◆ - Collected soil sample to confirm historical soil sample detection of 44 mg/kg, no detections above the detection limit, which ranged from 0.8 to 0.08 mg/kg.
- ◆ - Groundwater MW samples had low detections (1.2 to 3.8 ug/L) in shallow zone and trace (<1 ug/L) in the intermediate zone for PCE and TCE, all below AWQS and MCLs.
- ◆ - Continue groundwater monitoring on semi-annual basis (6 shallow and 11 intermediate wells).
- ◆ - Reduce intermediate zones wells to annual sampling in 2008, if no further detections.
- ◆ - Water level monitoring monthly until Dec 07; reduce to quarterly in 2008.
- ◆ - EPA and ADEQ reviewing proposed Groundwater Model.

May Document 1: I:\Water Resources\Projects\B2006\Project\6-115-005008\MEC Document\GIS\GIS 10-16-09\MLD\CD\Sample\Site\_Report\Tetra\blowethene\_15.mxd 6/26/2007 -- 2:30:07 PM



JOB NO.:	6-115-005008
DESIGN:	MLD
DRAWN:	SLW
DATE:	2/2007
SCALE:	1" = 75'

**APS FACILITY**  
**MOTOROLA 52ND STREET SUPERFUND SITE**  
**OPERABLE UNIT 3**

**TETRACHLOROETHENE CONCENTRATION**  
**15 FEET BELOW GROUND SURFACE**

FIGURE  
**24**



# Arizona Public Service

## 501&505 Property Update

### APS Western Boundary TM

- ◆ VOCs were detected at the western edge of the 502 property, up to 62 ug/L TCE, 29 ug/L PCE.
- ◆ Proposed additional investigation at 320 West Lincoln St. west of the 502 property where former APS 500 Building (500 Site) was located.
- ◆ Former Southwest Solvent was located west of the 500 Site, a former WQARF facility.
- ◆ APS's goals are:
  - Further delineate the extent of soil vapor plume along the western boundary of the APS 502 facility.

# Arizona Public Service 501&505 Property Update

## APS Western Boundary TM, con'td

### ◆ Proposed Work

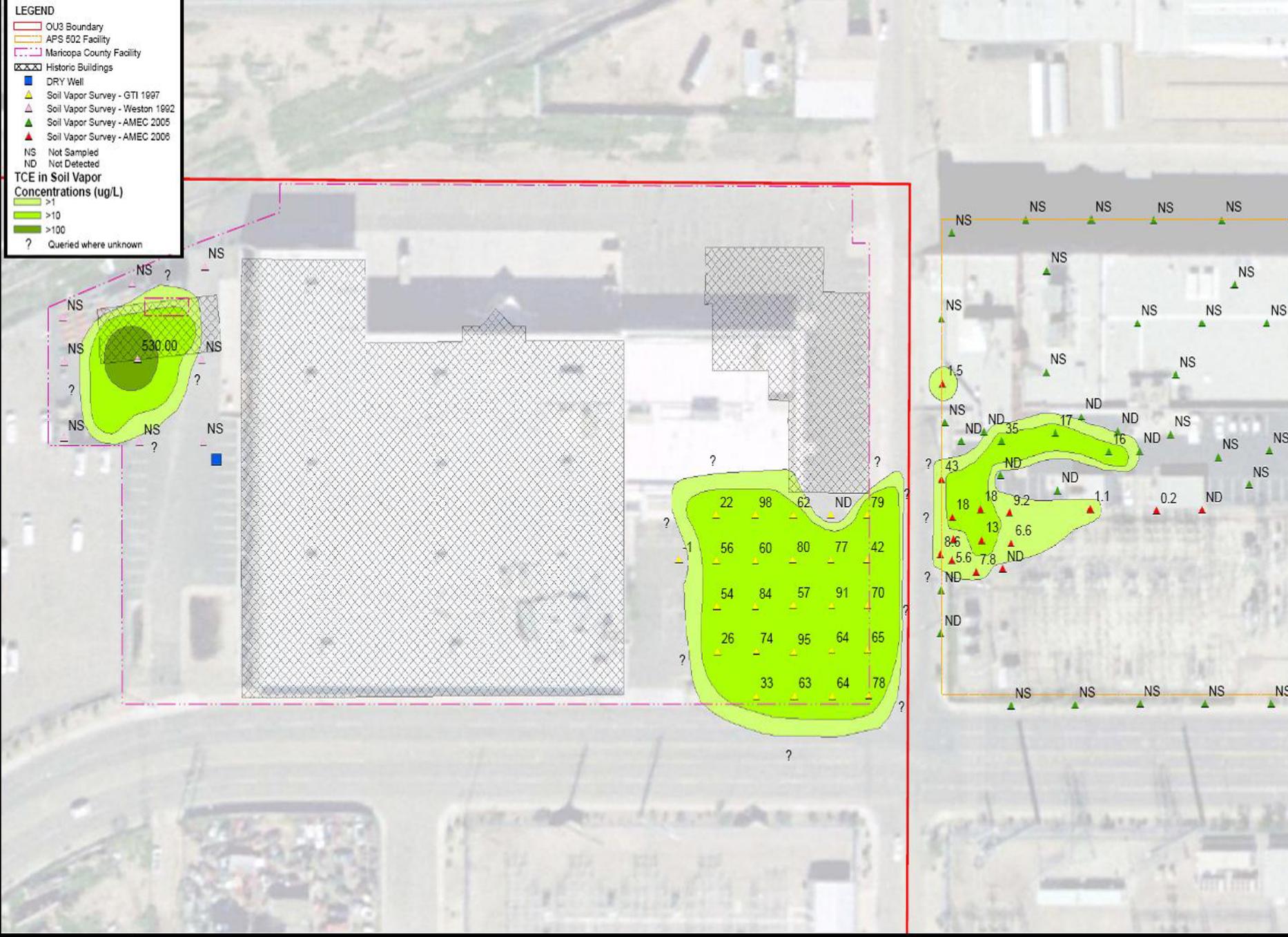
- Soil Vapor Sampling on the 500 Site
- Inclusion of the Maricopa Co. Wells (MC-02 thru MC-05 into September 2007 sampling.
- Additional evaluation of the sewer system using visual or video survey, soil vapor samples and sludge samples.

**LEGEND**

- OU3 Boundary
- AFS 502 Facility
- Maricopa County Facility
- Historic Buildings
- DRY Well
- ▲ Soil Vapor Survey - GTI 1997
- ▲ Soil Vapor Survey - Weston 1992
- ▲ Soil Vapor Survey - AMEC 2005
- ▲ Soil Vapor Survey - AMEC 2006
- NS Not Sampled
- ND Not Detected

**TCE in Soil Vapor Concentrations (ug/L)**

- >1
- >10
- >100
- ? Queried where unknown

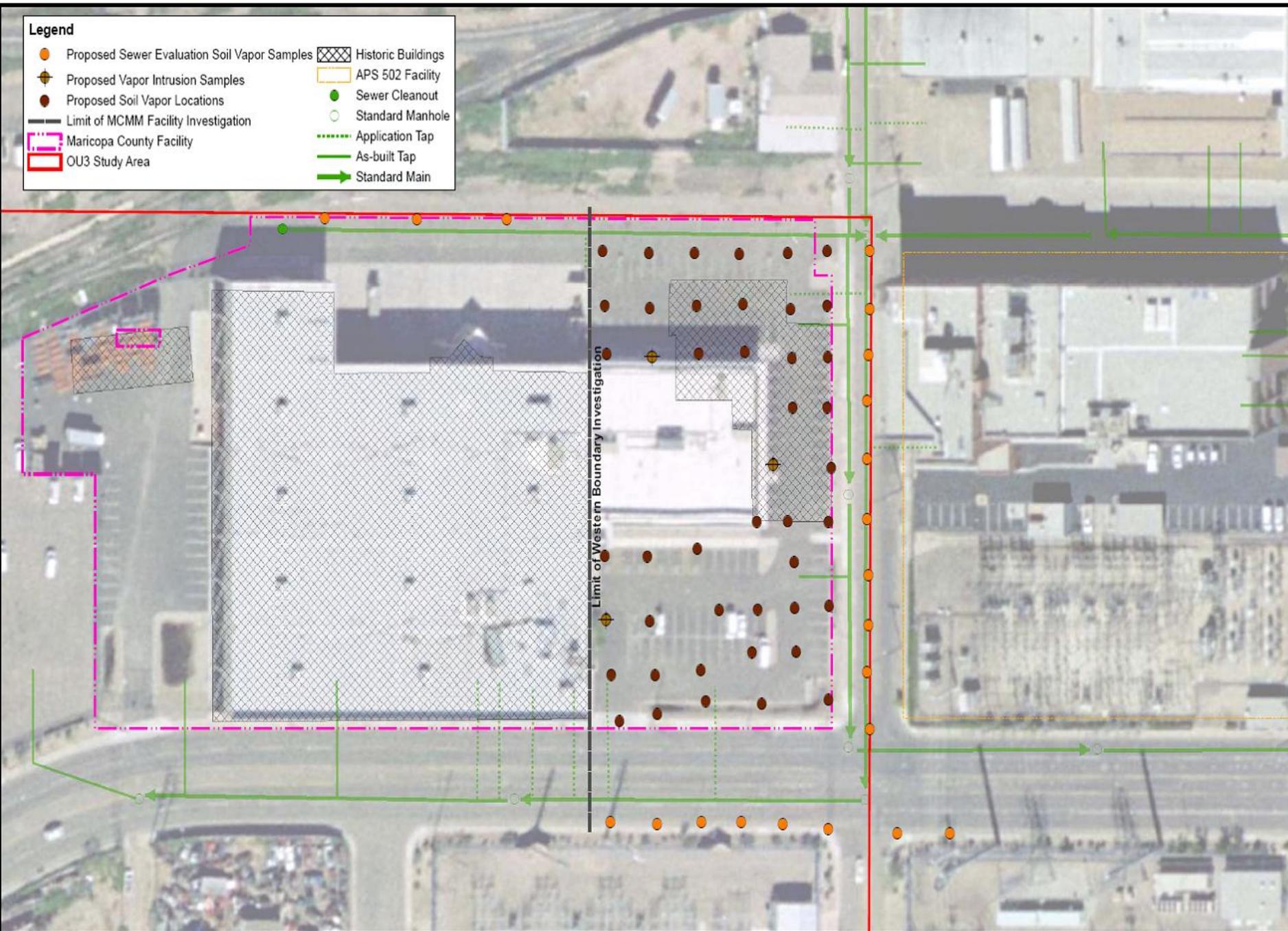


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**Legend**

- Proposed Sewer Evaluation Soil Vapor Samples
- ⊕ Proposed Vapor Intrusion Samples
- Proposed Soil Vapor Locations
- Limit of MCMM Facility Investigation
- ▭ Maricopa County Facility
- ▭ OU3 Study Area
- ▨ Historic Buildings
- ▭ APS 502 Facility
- Sewer Cleanout
- Standard Manhole
- ⋯ Application Tap
- As-built Tap
- ➔ Standard Main



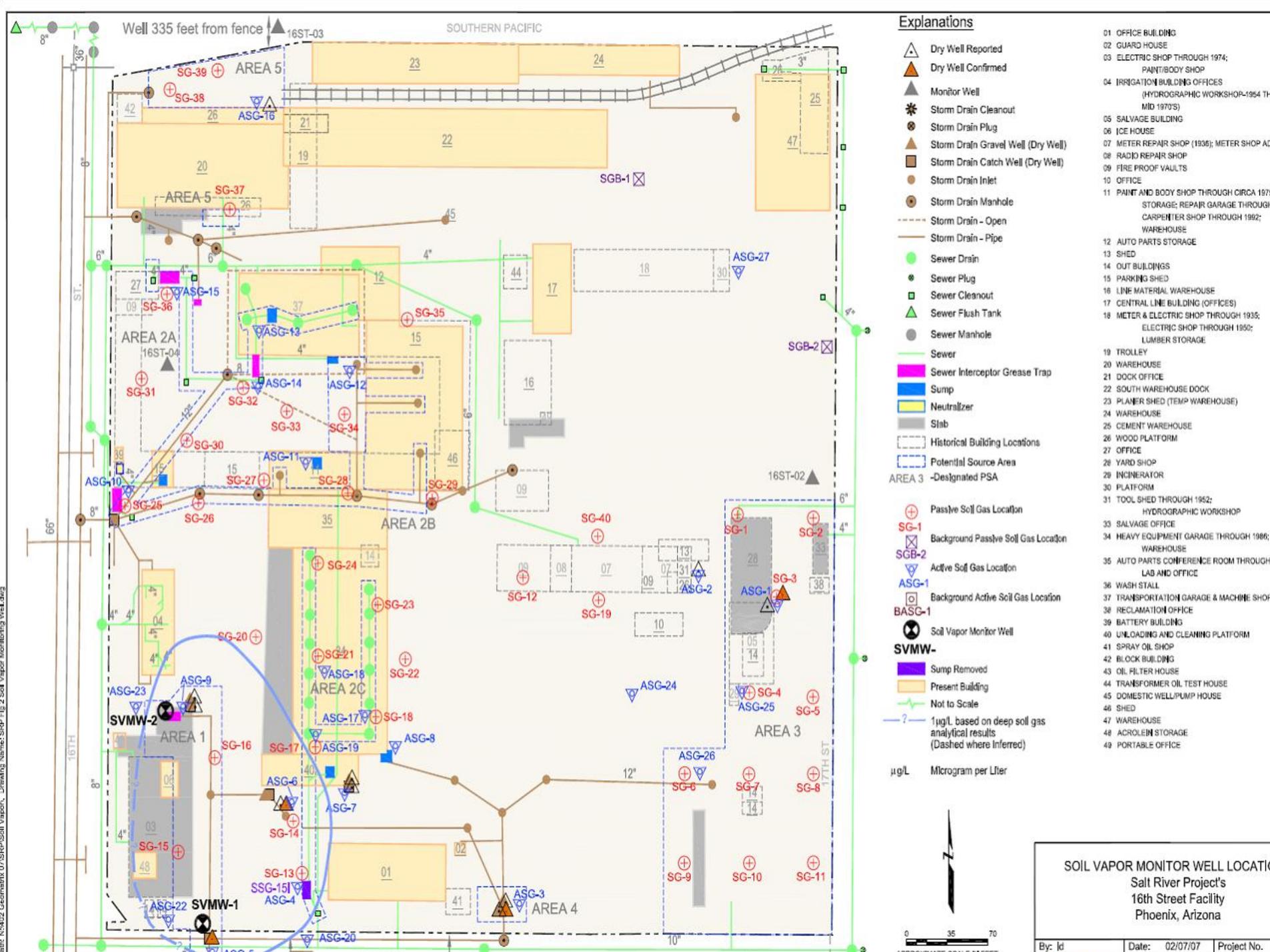
Limit of Western Boundary Investigation



# Salt River Project

## 16th Street Facility Update

- ◆ Submitted Final Indoor Air Report, no action needed.
- ◆ Completed voluntary removal of a sump & excavation, no COCs in confirmation samples.
- ◆ Completed installation of 2 SVMWs for vertical soil vapor characterization and completed 3 rounds of soil vapor sampling.
- ◆ Will submit a TM on approach to evaluate potential migration of VOCs to groundwater.
- ◆ RI/FS Report will follow summarizing results.



**Explanations**

- △ Dry Well Reported
- ▲ Dry Well Confirmed
- ▲ Monitor Well
- \* Storm Drain Cleanout
- Storm Drain Plug
- ▲ Storm Drain Gravel Well (Dry Well)
- Storm Drain Catch Well (Dry Well)
- Storm Drain Inlet
- Storm Drain Manhole
- Storm Drain - Open
- Storm Drain - Pipe
- Sewer Drain
- Sewer Plug
- Sewer Cleanout
- ▲ Sewer Flush Tank
- Sewer Manhole
- Sewer
- Sewer Interceptor Grease Trap
- Sump
- Neutralizer
- Slab
- Historical Building Locations
- Potential Source Area
- AREA 3 - Designated PSA
- ⊕ Passive Soil Gas Location
- ⊕ SG-1
- ⊗ Background Passive Soil Gas Location
- ⊗ SGB-2
- ▲ Active Soil Gas Location
- ▲ ASG-1
- ⊗ Background Active Soil Gas Location
- ⊗ BASG-1
- Soil Vapor Monitor Well
- SVMW-
- Sump Removed
- Present Building
- Not to Scale
- ? — 1µg/L based on deep soil gas analytical results (Dashed where Inferred)
- µg/L Microgram per Liter

- 01 OFFICE BUILDING
- 02 GUARD HOUSE
- 03 ELECTRIC SHOP THROUGH 1974; PAINT/BODY SHOP
- 04 IRRIGATION BUILDING OFFICES (HYDROGRAPHIC WORKSHOP-1954 THROUGH MID 1970'S)
- 05 SALVAGE BUILDING
- 06 ICE HOUSE
- 07 METER REPAIR SHOP (1936); METER SHOP ADJACENT
- 08 RADIO REPAIR SHOP
- 09 FIRE PROOF VAULTS
- 10 OFFICE
- 11 PAINT AND BODY SHOP THROUGH CIRCA 1970'S; STORAGE; REPAIR GARAGE THROUGH 1992; CARPENTER SHOP THROUGH 1992; WAREHOUSE
- 12 AUTO PARTS STORAGE
- 13 SHED
- 14 OUT BUILDINGS
- 15 PARKING SHED
- 16 LINE MATERIAL WAREHOUSE
- 17 CENTRAL LINE BUILDING (OFFICES)
- 18 METER & ELECTRIC SHOP THROUGH 1935; ELECTRIC SHOP THROUGH 1950; LUMBER STORAGE
- 19 TROLLEY
- 20 WAREHOUSE
- 21 DOCK OFFICE
- 22 SOUTH WAREHOUSE DOCK
- 23 PLANNER SHED (TEMP WAREHOUSE)
- 24 WAREHOUSE
- 25 CEMENT WAREHOUSE
- 26 WOOD PLATFORM
- 27 OFFICE
- 28 YARD SHOP
- 29 INCINERATOR
- 30 PLATFORM
- 31 TOOL SHED THROUGH 1952; HYDROGRAPHIC WORKSHOP
- 33 SALVAGE OFFICE
- 34 HEAVY EQUIPMENT GARAGE THROUGH 1986; WAREHOUSE
- 35 AUTO PARTS CONFERENCE ROOM THROUGH 1986; LAB AND OFFICE
- 36 WASH STALL
- 37 TRANSPORTATION GARAGE & MACHINE SHOP
- 38 RECLAMATION OFFICE
- 39 BATTERY BUILDING
- 40 UNLOADING AND CLEANING PLATFORM
- 41 SPRAY OIL SHOP
- 42 BLOCK BUILDING
- 43 OIL FILTER HOUSE
- 44 TRANSFORMER OIL TEST HOUSE
- 45 DOMESTIC WELL/PUMP HOUSE
- 46 SHED
- 47 WAREHOUSE
- 48 ACROLEIN STORAGE
- 49 PORTABLE OFFICE

**SOIL VAPOR MONITOR WELL LOCATION**  
Salt River Project's  
16th Street Facility  
Phoenix, Arizona

# Baker Metal Site Update

- ◆ BDR Liquidating submitted an RI for the Baker Metal Site.
- ◆ EPA has reviewed and provided comments.
- ◆ No additional investigation is required.
- ◆ Will submit a revised RI Report.

Cooper/ArvinMeritor/AdobeAir  
500 South 15th Street

July 2006	Phase 1 RI Work Plan approved by EPA
September 2006	Phase 1 RI field work conducted (64 soil gas samples collected)
September 2006	Semi annual groundwater sampled
December 2006	Draft Phase 1 RI Report submitted
March 2007	Semi annual groundwater sampled
July 2007	Draft Final Phase 1 RI Report submitted

Cooper/ArvinMeritor/AdobeAir  
500 South 15th Street

Scheduled Activities

August 2007

Finalize Phase 1  
RI Report

August 2007

Finalize Phase 2  
Work Plan

September 2007

Conduct Phase 2 RI  
field work (collect  
additional soil gas  
samples and install 3  
new groundwater  
monitoring wells)

# Paul McCoy's Laundry and Dry Cleaners

March 2006

Paul McCoys signs AOC with EPA

March 2007

Draft RI/FS Work Plan submitted

## Scheduled Activities

August 2007

Finalize RI/FS Work Plan

September 2007

Conduct RI field work (collect soil gas samples)

# Phoenix Newspaper Inc.

- |                                    |   |
|------------------------------------|---|
| March 2007                         | Focused RI Work Plan for Soil Gas Investigation submitted |
| April 2007                         | Conduct RI field work (collect soil gas samples)          |
| June 2007                          | Complete additional soil gas sampling                     |
| <b><u>Scheduled Activities</u></b> |   |
| September 2007                     | Conduct additional soil gas sampling if needed            |
| November 2007                      | Submit draft Focused RI Report                            |

**Walker Power Systems Site:**  
**Walker Power Systems Inc., Tiernay Properties Inc.,**  
**Union Pacific Railroad Company**

January 2007

Research Report (3rd Revision)  
submitted

June 2007

EPA provides comments on  
Research Report (3rd Revision)

June 2007

EPA issues Unilateral  
Administrative Order to 3 parties

**Scheduled Activities**

August 2007

Submit draft RI Work Plan

# Technical Assistance Grant Program (TAG)

Viola Cooper

Community Involvement Coordinator, EPA  
Community Advisory Group Presentation

August 23, 2007



# Purpose

- Hire a technical advisor (TA) to interpret site-related technical information
- Promote public involvement and information exchange in the decision-making process through information transfer and community outreach (Not necessarily the TA's responsibility)



# Conditions

- \$50,000 grant
- Three year project period
- One grant per Superfund site
- Groups who live near a Superfund site



# Uses of TAGs

- Hire Technical Advisors (TA)
- TA's review site-related documents
- Provide assistance in communicating concerns
- Interpret technical information for the community
- Participate in site visits
- Travel to meetings, hearings related to the site



# Eligible Activities

- Hire a technical advisor
- Hire a grant administrator
- Review site documents
- Produce and distribute fact sheets
- Hold community meetings
- Prepare comments to site information and proposed cleanup plans
- Develop public notices



# Ineligible Activities

- Develop new site-related information
- Support legal actions in any way
- Pay staff salaries
- Political activity and lobbying
- Tuition for training, seminars or coursework
- Travel costs
- Epidemiological or health studies (including blood/urine testing)
- Reopening final agency decision or conducting dispute resolution



# Contact Information

Viola Cooper

Community Involvement Coordinator  
US Environmental Protection Agency

(415) 972-3243

(800) 231-3075

[cooper.viola.@epa.gov](mailto:cooper.viola.@epa.gov)

